

Recombinant Human FUT7, His-tagged

Cat. No. FUT7-13046H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FUT7 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-342a.a.
Description	The protein encoded by this gene is a Golgi stack membrane protein that is involved in the creation of sialyl-Lewis X antigens. The encoded protein can direct the synthesis of the E-selectin-binding sialyl-Lewis X moiety.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	FUT7 fucosyltransferase 7 (alpha (1,3) fucosyltransferase) [Homo sapiens]
Official Symbol	FUT7

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Synonyms	FUT7; fucosyltransferase 7 (alpha (1,3) fucosyltransferase); alpha-(1,3)-fucosyltransferase; fuc-TVII; fucosyltransferase VII; selectin ligand synthase; selectin-ligand synthase; galactoside 3-L-fucosyltransferase; FucT-VII;
Gene ID	2529
mRNA Refseq	NM_004479
Protein Refseq	NP_004470
MIM	602030
UniProt ID	Q11130
Chromosome Location	9q34.3
Pathway	Glycosphingolipid biosynthesis - lacto and neolacto series, organism-specific biosystem; Glycosphingolipid biosynthesis - lacto and neolacto series, conserved biosystem; Metabolic pathways, organism-specific biosystem; Other types of O-glycan biosynthesis, organism-specific biosystem; Other types of O-glycan biosynthesis, conserved biosystem;
Function	alpha-(1->3)-fucosyltransferase activity; fucosyltransferase activity; transferase activity, transferring glycosyl groups;